

Converting Colors

$Y_{xy}(14.5342, 0.3619, 0.2797)$

Have a look what the booklet for
Yxy(14.5342, 0.3619, 0.2797)
contains.

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Color

Yxy(14.4668, 0.3614, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	935875
RGB	147, 88, 117
RGB Percent	58%, 35%, 46%
CMY	0.4235, 0.6549, 0.5412
CMYK	0.00, 0.40, 0.20, 0.42
HSL	331°, 25%, 46%
HSV	331°, 40%, 58%
XYZ	18.7327, 14.4668, 18.6342
YIQ	108.9470, 25.8550, 21.5270

Conversions

Conversions Part 2

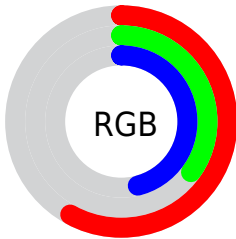
Format	Color
R_{YB}	147, 88, 117
Decimal	9656437
CIE _{Lab}	44.90, 28.50, -6.05
CIE _{LCh}	45, 29.132, 348.016
Yxy	14.4668, 0.3614, 0.2791
Android (android.graphics.Color)	4287846517 (0xFF935875)
YUV	108.9470, 3.9701, 33.3725
Hunter-Lab	38.0352, 21.3513, -2.4227

Details

The Yxy color **14.4668, 0.3614, 0.2791** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2496, 0.2820, 0.3857**, and the grayscale version is **15.2605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8864, 0.3496, 0.2907**, and **4.3802, 0.3840, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **12.1236, 0.3794, 0.2671**, and if you desaturate by 10%, it is **17.3120, 0.3459, 0.2918**.

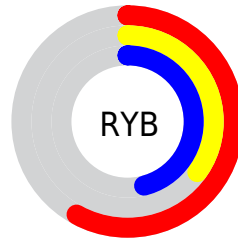
Distribution



Red (58%)

Green (35%)

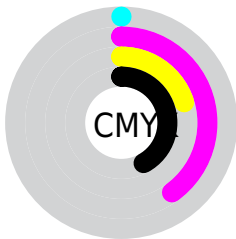
Blue (46%)



Red (58%)

Yellow (35%)

Blue (46%)

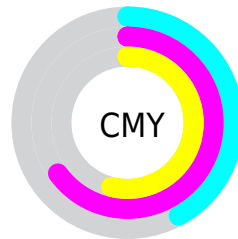


Cyan (0%)

Magenta (40%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (65%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4668, 0.3614, 0.2791 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.4668, 0.3614, 0.2791 by changing the saturation by 10% instead.


 14.4668, 0.3614,
0.2791


 14.4668, 0.3614,
0.2791


220.1158, 0.3329,
0.3079


 8.4460, 0.3705,
0.2702


 33.9150, 0.3498,
0.2907


 4.3817, 0.3836,
0.2575

 48.1113, 0.3458,
0.2947


 1.8893, 0.4045,
0.2379

 65.8015, 0.3426,
0.2980

 0.5419, 0.4489,
0.1920

 87.3701, 0.3400,
0.3006

 0.0000, 1.0000,
0.0000

 113.2014, 0.3378,
0.3029

 0.0000, 0.0000,
0.0000

143.6799, 0.3359,

0.3048

179.1899, 0.3343,
0.3065

■ 14.4668, 0.3614,
0.2791

■ 14.4668, 0.3614,
0.2791

■ 12.1236, 0.3794,
0.2671

■ 17.3120, 0.3459,
0.2918

■ 10.2507, 0.3999,
0.2566

■ 20.6845, 0.3329,
0.3046

■ 8.8157, 0.4227,
0.2488


■ 24.6102, 0.3219,
0.3171

■ 7.7814, 0.4469,
0.2449

■ 29.1129, 0.3128,
0.3289


■ 7.1043, 0.4716,
0.2458


■ 34.2147, 0.3053,
0.3399

 6.6739, 0.4957,
0.2504

 39.9368, 0.2990,
0.3501

 46.2991, 0.2938,
0.3595

 53.3210, 0.2895,
0.3682

 61.0206, 0.2859,
0.3761

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.4668, 0.2999, 0.2487



14.4668, 0.3614, 0.2791



14.4668, 0.4121, 0.3209

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.4668, 0.3614, 0.2791



14.4668, 0.3737, 0.4366



14.4668, 0.2057, 0.2728

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.4668, 0.3614, 0.2791



24.2496, 0.2820, 0.3857

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.4668, 0.2213, 0.3253



14.4668, 0.3614, 0.2791



14.4668, 0.3161, 0.4306

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.4668, 0.3614, 0.2791



14.4668, 0.4173, 0.4100



14.4668, 0.2605, 0.3869



14.4668, 0.2149, 0.2425

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.4668, 0.3614, 0.2791



14.4668, 0.4299, 0.3518



14.4668, 0.2605, 0.3869



14.4668, 0.2081, 0.2882

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.4675, 0.3614, 0.2791



42.5032, 0.3241, 0.3145



12.9036, 0.2772, 0.2213



9.5119, 0.3253, 0.3131



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4675, 0.3614, 0.2791



22.1490, 0.3772, 0.2684



13.8878, 0.4098, 0.3293



5.8601, 0.3210, 0.3182



5.7911, 0.4945, 0.2498



0.0768, 0.4055, 0.2008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.4675, 0.3614, 0.2791



22.1490, 0.3772, 0.2684



25.0480, 0.2590, 0.3288



5.8601, 0.3210, 0.3182



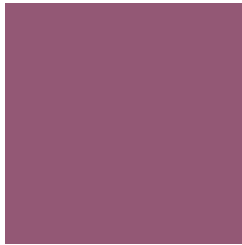
5.7911, 0.4945, 0.2498



0.0768, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 14.4668, 0.3614, 0.2791 looks on a white background.

Color Contrast Check

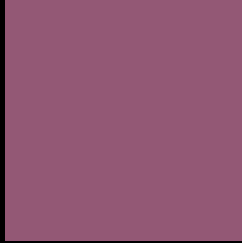
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.4668, 0.3614, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

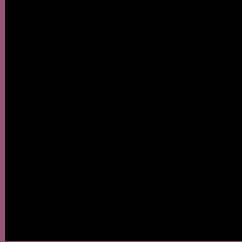
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.4668, 0.3614, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 14.4668, 0.3614, 0.2791.



This preview shows how white text looks on a background with the Yxy color 14.4668, 0.3614, 0.2791.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.4668, 0.3614, 0.2791

Protanopia

14.6914, 0.2810, 0.2841

Deuteranopia

14.6929, 0.3137, 0.3087



Tritanopia

14.3838, 0.3881, 0.3168

Trichromacy



Original Color

14.4668, 0.3614, 0.2791

Protanomaly

14.2305, 0.3065, 0.2801

Deuteranomaly

14.4088, 0.3304, 0.2963

Tritanomaly

14.4432, 0.3786, 0.3028

Monochromacy



Original Color

14.4668, 0.3614, 0.2791

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6882, 0.3296, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4668, 0.3614, 0.2791 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(147, 88, 117)` looks like.

```
.text, #text, p{  
    color:rgb(147, 88, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(147, 88, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 88, 117) }
```

Border

The CSS property to change the border of an element to Yxy 14.4668, 0.3614, 0.2791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 88, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(147, 88, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(147, 88, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 88, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 88, 117);  
box-shadow:4px 4px 4px 4px rgb(147, 88,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4668, 0.3614, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 88, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(147, 88,  
117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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